

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 97/16460

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C12N15/12 C12N1/21 C07K14/82 C07K16/18 A61K38/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C12N C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BYRNE J A ET AL: "DEFINITION OF THE TUMOR PROTEIN D52 (TPD52) GENE FAMILY THROUGH CLONING OF D52 HOMOLOGUES IN HUMAN (HD53) AND MOUSE (MD52)" GENOMICS, vol. 35, no. 3, 1 August 1996, pages 523-532, XP000618319 cited in the application see the whole document	1-9
P,X	WO 97 06256 A (INST NAT SANTE RECH MED ;CENTRE NAT RECH SCIENT (FR); UNIV PASTEUR) 20 February 1997 SEQ ID nos. 9,10 see claims 1-20; figure 24B	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 January 1998

Date of mailing of the international search report

0 7.05.98

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

HORNIG H.

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>J.A. BYRNE ET AL.: "A screening method to identify genes commonly overexpressed in carcinomas and the identification of a novel complementary DNA sequence"</p> <p>CANCER RESEARCH, vol. 55, 1 July 1995, AACR, BALTIMORE, US, pages 2896-2903, XP002025781 cited in the application see the whole document</p> <p>---</p>	1-12
A	<p>S.L. CHEN ET AL.: "Isolation and characterization of a novel gene expressed in multiple cancers"</p> <p>ONCOGENE, vol. 12, no. 4, 15 February 1996, MACMILLAN PRESS LTD., LONDON, UK, pages 741-751, XP002052318 cited in the application see the whole document</p> <p>---</p>	1-12
A	<p>R. WILSON ET AL.: "2.2 Mb of contiguous nucleotide sequence from chromosome III of C. elegans"</p> <p>NATURE, vol. 368, 3 March 1994, MACMILLAN JOURNALS LTD., LONDON, UK, pages 32-38, XP002029739 cited in the application see the whole document</p> <p>---</p>	1-12
A	<p>S. ROGERS ET AL.: "Amino acid sequences common to rapidly degradation proteins: The PEST hypothesis"</p> <p>SCIENCE, vol. 234, 17 October 1986, AAAS, WASHINGTON, DC, US, pages 364-368, XP002052319 see the whole document</p> <p>-----</p>	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/US 97/16460

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9706256 A	20-02-97	NONE	